

mira
magna



Mira Magna Water Delivery System Installation and User Guide

These instructions are to be left with the user

This Installation and User Guide must be read in conjunction with the
Mira Magna Digital Mixer Valve Installation and User Guide



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Cleaning	30
Customer Services	31

Introduction

The Mira Magna Water Delivery System delivers water via the Mira Magna Digital Mixer (Mira Magna DM) and this guide should be read in conjunction with the Mira Magna DM Installation and User Guide.

To operate the Mira Magna Water Delivery System, use the interface - refer to the section ‘**Operation**’ for more details.

This Installation and User Guide covers the following products:

Mira Magna Universal Variable Water Delivery System (Mira Magna UV)

An adjustable spray handset with four different spray actions (Start, Eco, Champagne and Massage) is supplied complete with flexible hose, clamp bracket assembly, slide bar, supports, combined user interface and a wall mounted soap dish.

Mira Magna Built-in Rigid Water Delivery System (Mira Magna BIR)

An adjustable built-in shower head with four different spray actions (Start, Eco, Champagne and Massage), supplied with wall mounted soap dish and a user interface. Suitable for connection to concealed pipe work supplies only.

Mira Magna Wireless Remote Control (Option)

The remote control allows the user to start, stop and use the warm up feature on the water delivery system over a distance of up to 10 metres. The remote control can be used hand held or when located in its parking socket, it requires no batteries and is also water resistant (not to be immersed in water).

Design and Patent Registration

Design Registration	000592084 00275789-0003-0004
Patent Application	Int. Pat. App. WO 2006/072799

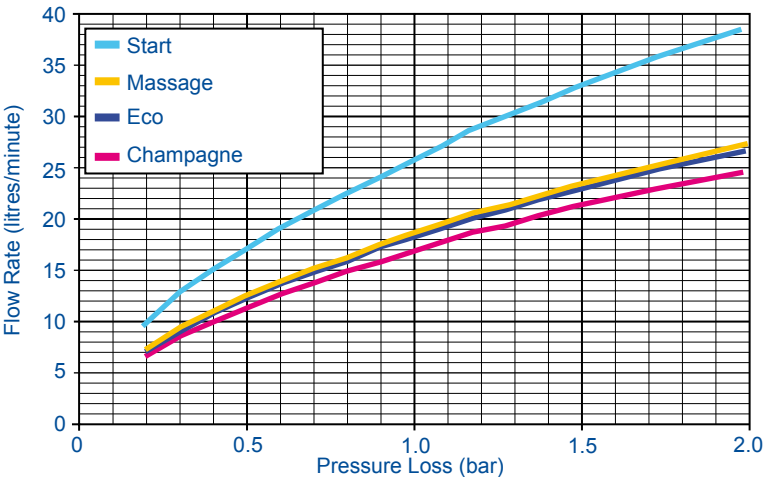
Specifications

Minimum maintained pressure 0.4 bar

Maximum maintained pressure 5.0 bar

► **Caution!** Exceeding the stated maximum maintained pressure could result in excessive spray forces and possible damage to the product.

This is the typical flow performance graph for the Mira Magna shower fittings only. There will be an additional pressure loss through the digital mixer.



Pressure loss = Pressure difference between the inlet and outlet of the fitting.

Important Safety Information

Installation must be carried out in accordance with these instructions, and must be conducted by designated, qualified and competent personnel.

Warning!

1. **Products manufactured by us are safe and risk-free, provided that they are installed, used and maintained in good working order, in accordance with our instructions and recommendations.**
2. **Make sure that any pipework that could become frozen is properly insulated.**
3. **DO NOT operate this appliance if it is frozen. Allow the appliance to thaw before using. The shower unit must not be fitted where it may be exposed to freezing conditions.**
4. **This product is not suitable for areas with high humidity (e.g. steam rooms). Please consult your installer.**
5. **Due to the operational nature of instantaneous water heaters/combination boiler systems, use of the warm up feature may cause fluctuating temperatures to be delivered and may take a few seconds to stabilise.**

Caution!

1. **Read all of these instructions and retain this guide for later use.**
2. **The electrical installation must comply to “BS 7671 - Requirements for Electrical Installations”, commonly referred to as the IEE Wiring Regulations - Part 7, or any particular regulations and practices, specified by the local electricity supply company.**
3. **The plumbing installation must comply with the requirements of UK Water Regulations/Bye-laws (Scotland), Building Regulations or any particular regulations and practices, specified by the local water company or water undertakers.**
4. **Anyone who may have difficulty understanding or operating the controls of any shower should be attended whilst showering. Particular consideration should be given to:**
 - the young
 - the elderly
 - the infirm
 - the disabled
 - anyone who suffers from a medical condition that can result in temporary incapacity (e.g. epilepsy or blackouts)
 - anyone inexperienced in the correct operation of the controls.

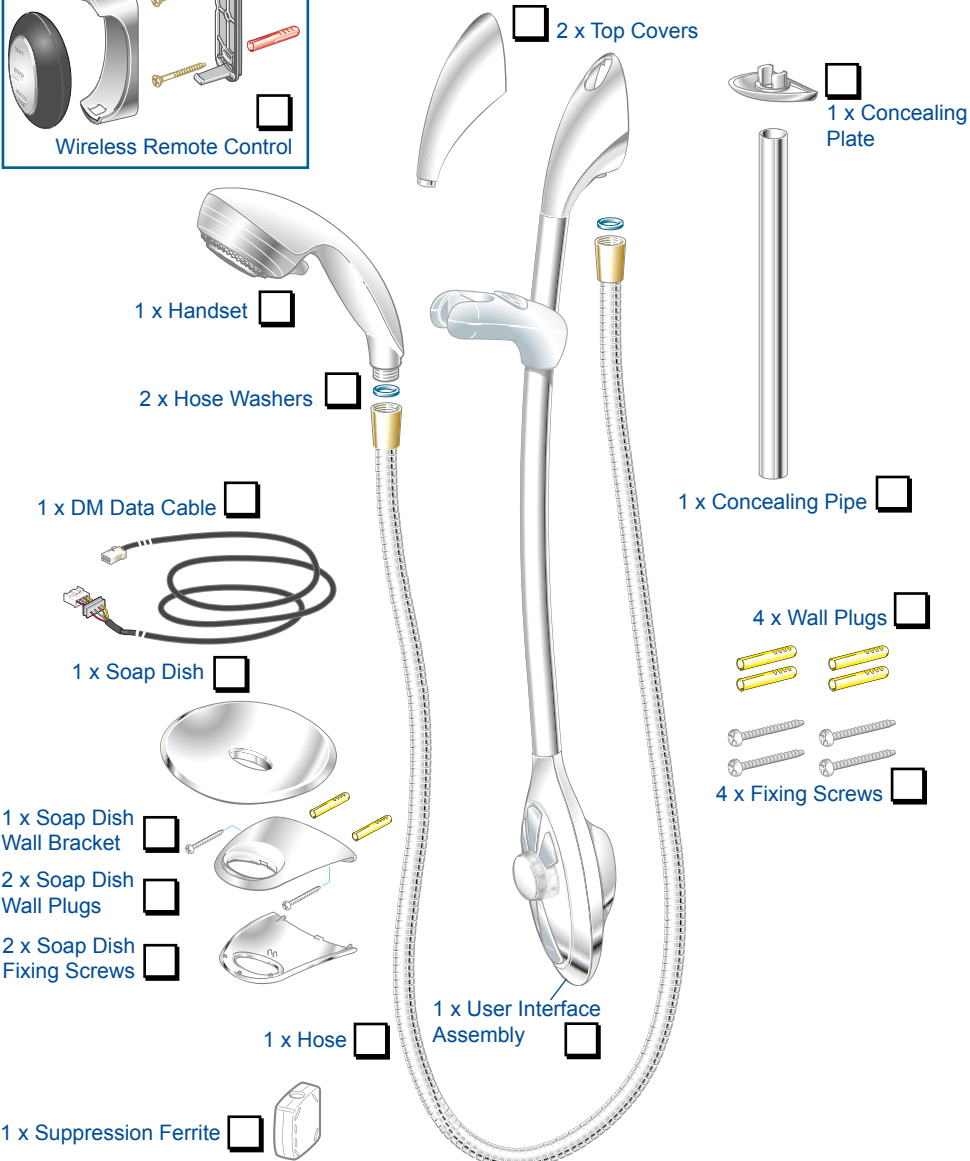
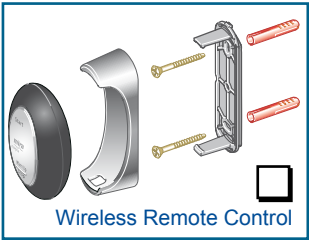
Standards and Approvals

The Mira Magna complies with all the relevant directives for CE marking.

Pack Contents Checklist

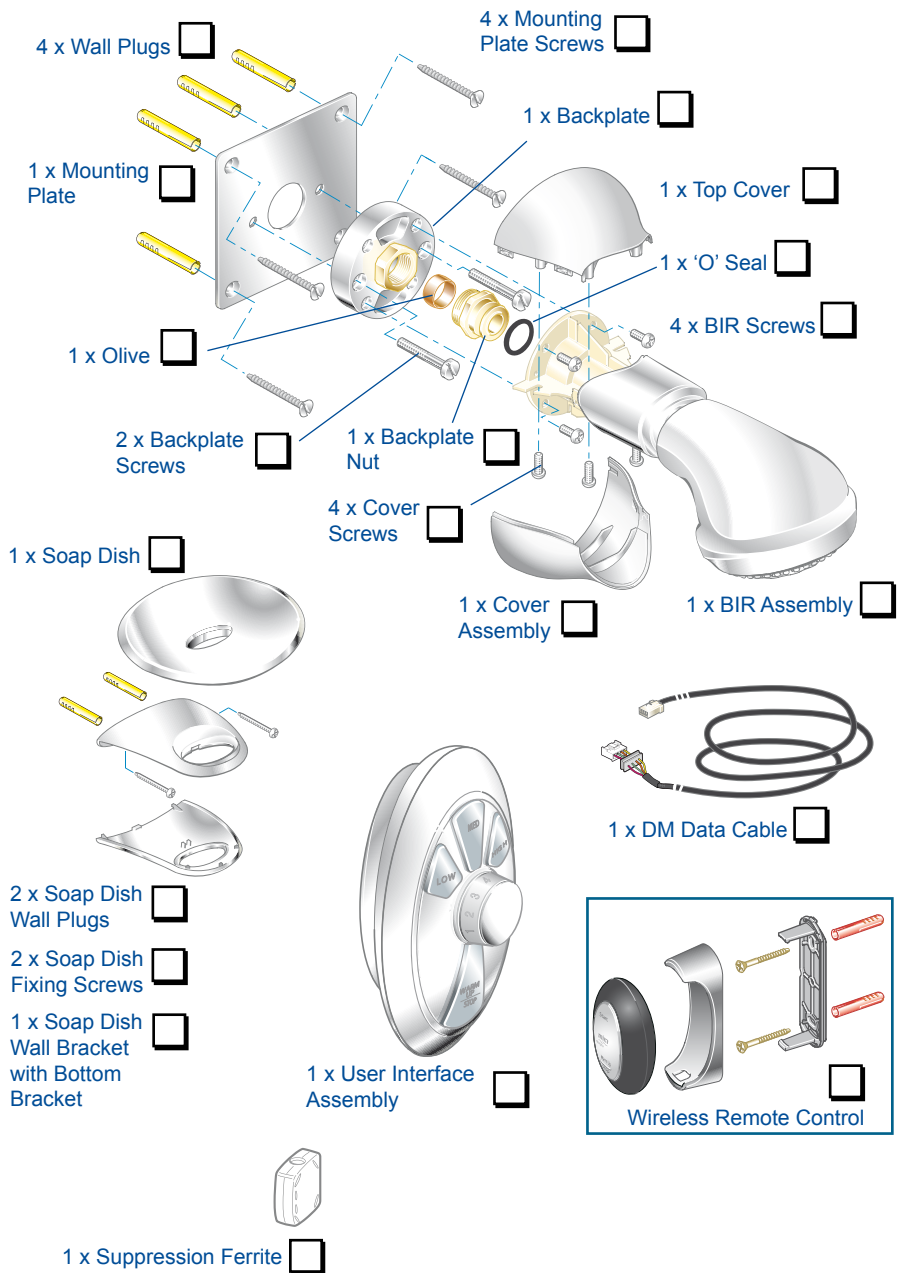
Mira Magna UV / Wireless Remote Control (option)

Tick the appropriate boxes to familiarise yourself with the part names and to confirm that the parts are included.



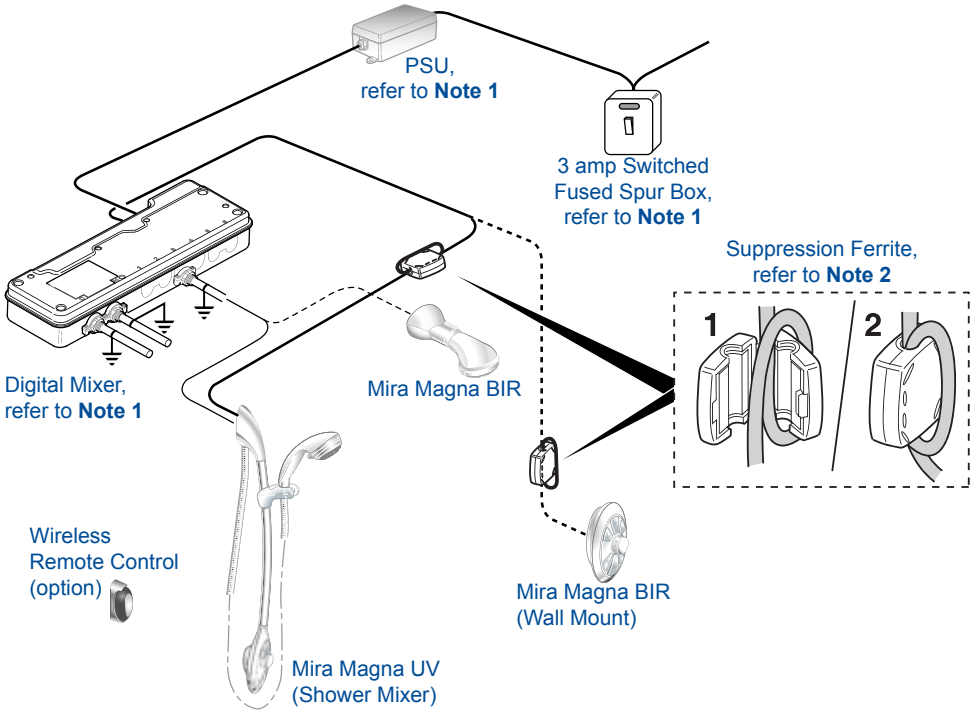
Mira Magna BIR / Wireless Remote Control (option)

Tick the appropriate boxes to familiarise yourself with the part names and to confirm that the parts are included.



Installation

Installation Schematic for the UV or the BIR



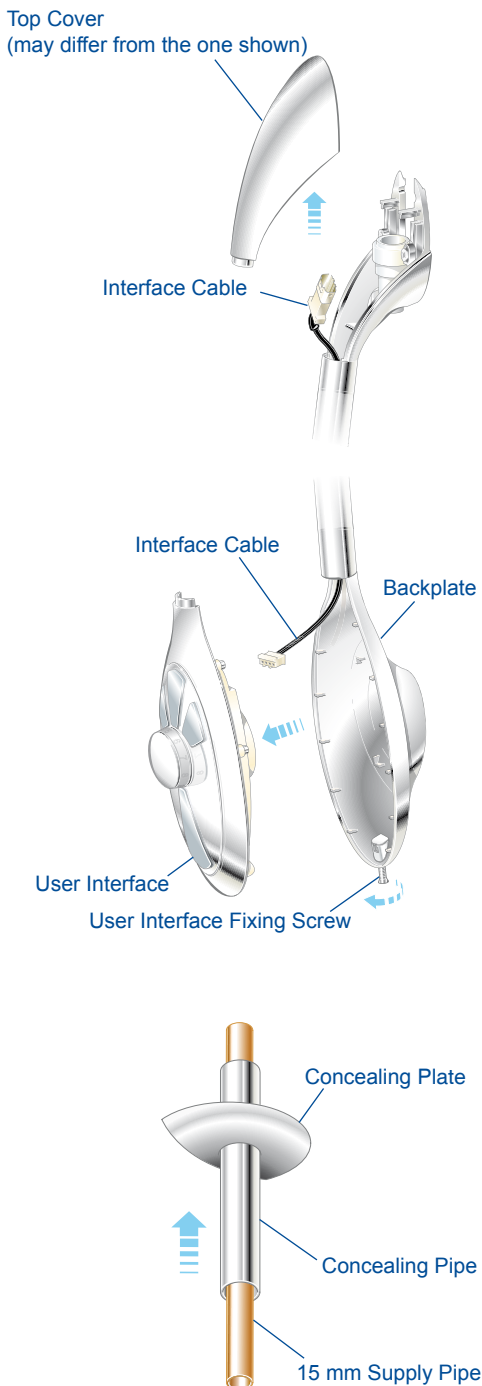
- **Note 1!** Refer to your Mira Magna DM, Installation and User Guide.
- **Note 2!** The Data Cable must be placed through the Suppression Ferrite and then looped around the cover. The Suppression Ferrite must be fitted as close to the User Interface as possible.

Mira Magna UV

- ▶ **Caution!** The Mira Magna DM and the Mira Magna UV must be installed within 4 m of each other. Longer pipe runs (maximum of 7 m) will require a 3 m Extension Lead and Connector Box (available from Customer Services or your local stockist) - refer to the section '**Accessories**'.
- ▶ **Note!** Longer pipe runs will increase water delivery times after temperature adjustment.
- ▶ The water delivery system can be installed with a falling supply or rear entry supply. The supply option you choose will dictate which top cover is required.
- ▶ Loosen the user interface fixing screw. Carefully pull the user interface from the backplate. Disconnect the interface cable.

Falling Supply

- ▶ **Note!** This product is designed to be fitted to a full height fully tiled or flat waterproof wall surface.
- ▶ Put the concealing plate against the ceiling and mark the centre position for the hole. Carefully drill a 24 mm hole in the ceiling.
- ▶ Fit the concealing plate over the concealing pipe.
- ▶ Temporarily insert a 15 mm supply pipe through the concealing pipe.



- Temporarily insert the slide bar assembly onto the 15 mm supply pipe.

- **Note!** Make sure that the supply pipework is cut squarely and is free from burrs. To assist in fitting, the end of the pipe should be chamfered to prevent 'O' seal damage. The use of a pipe cutter is recommended.

- Hold the slide bar assembly in position on the wall, and when it is level, mark the positions of the fixing holes.

- **Note!** Make sure that the slide bar ends are pushed fully into the slide bar assembly.

- **Note!** Only 2 fixing holes are required on the bottom slide bar end.

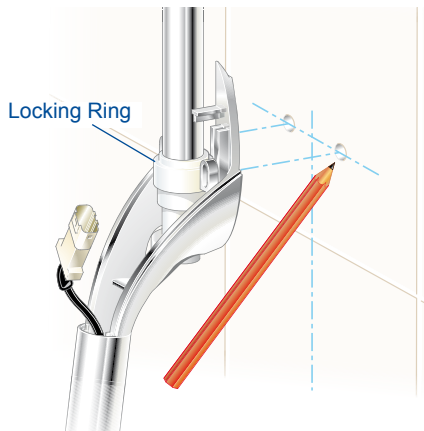
- Remove the slide bar assembly from the wall, drill the fixing holes (Ø6 mm) and fit the wall plugs.

- **Note!** Make sure that the locking ring is held firmly when pulling the supply pipe from the push fit connector.

- Attach the slide bar assembly to the wall with the fixing screws.

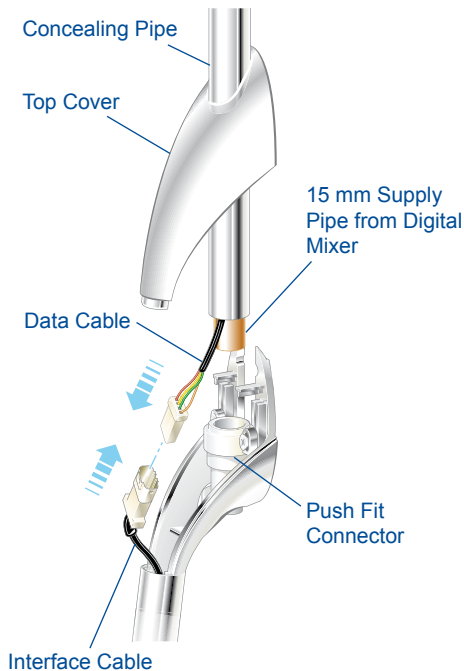
- Cut the concealing pipe and the 15 mm supply pipe to length, make sure that the 15 mm supply pipe extends through the concealing pipe enough to make a connection into the push fit connector.

- **Note!** The 15 mm supply pipe must enter the push fit connector by 30 mm.

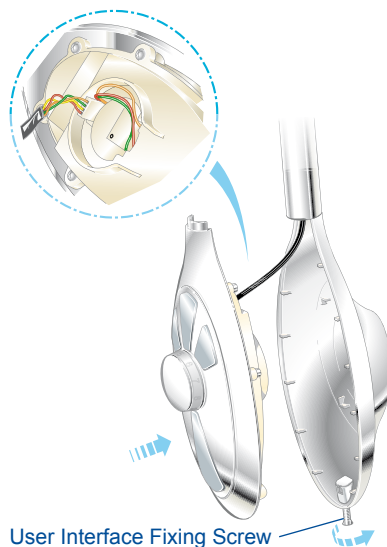


- ▶ **Important!** Do not fit the pipe at this stage. Once the pipe assembly has been cut to length, remove the 15 mm supply pipe from the concealing pipe.

- ▶ Put the data cable through the concealing pipe. Carefully fit the 15 mm supply pipe through the concealing pipe. Make sure that you fit the top cover over the concealing pipe then connect to the push fit connector.
- ▶ Connect the data and interface cables together.
- ▶ Push the top cover onto the slide bar assembly.



- ▶ Connect the interface cable to the user interface.
- ▶ Attach the user interface to the rear case and secure with the user interface fixing screw.
- ▶ Attach the hose to the outlet connection and to the handset. Make sure the hose washers are installed correctly.
- ▶ Put the handset into the clamp bracket.
- ▶ Make the plumbing connections to the Digital Mixer - refer to your Mira Magna DM Installation and User Guide.

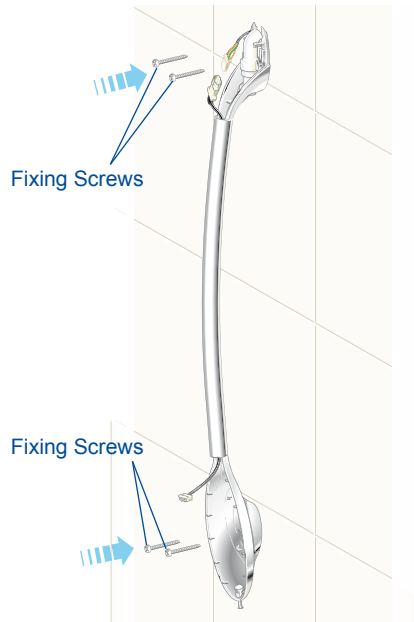


Rear Entry Supply

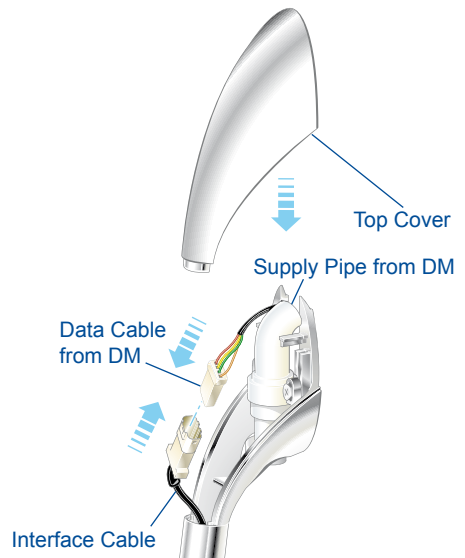
- ▶ **Caution!** Pipework must not be soldered while attached to the water delivery system.
- ▶ For rear entry supply pipework a soldered elbow must be used.
- ▶ **Important!** Make sure that the dimensions do not exceed the ones shown, otherwise you will not be able to fit the unit.
- ▶ **Note!** The 15 mm supply pipe must enter the push fit connector by 30 mm. Make sure that the supply pipework is cut squarely, free from burrs and to assist in fitting. The end of the pipe should be chamfered to prevent 'O' seal damage. The use of a pipe cutter is recommended.
- ▶ Make sure that the data cable and finished pipework protrude through the wall before the final finished wall surface is completed.
- ▶ Put the slide bar assembly in position on the wall and temporarily push fit the soldered elbow into the push fit connector.
- ▶ Mark the positions of the top and the bottom fixing holes.
- ▶ **Note!** Only 2 fixing holes are required on the bottom slide bar end.
- ▶ Remove the slide bar assembly from the wall and drill ($\varnothing 6$ mm) and fit the wall plugs.
- ▶ **Note!** Make sure that the locking ring is held firmly when pulling the supply pipe from the push fit connector.



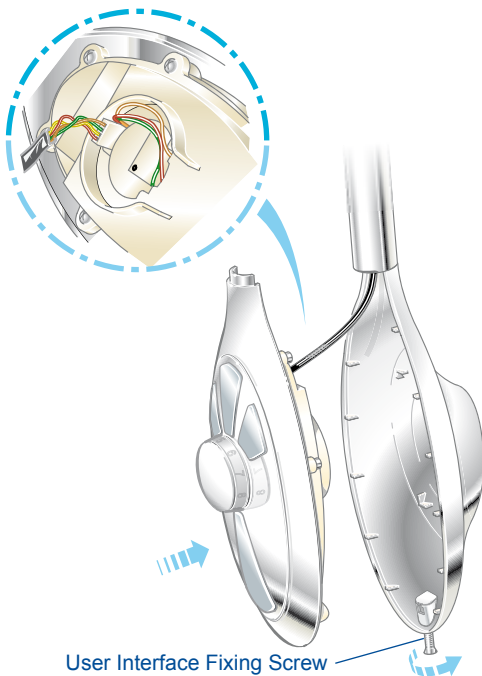
- ▶ Hold the supply pipe firmly and push the slide bar assembly onto the supply pipe.
- ▶ **Note!** The supply pipe must enter the push fit connector by 30 mm.
- ▶ Attach the slide bar assembly with the fixing screws.



- ▶ Connect the data and interface cables together.
- ▶ Attach the top cover onto the slide bar assembly.



- ▶ Connect the interface cable to the user interface.
- ▶ Attach the user interface to the rear case and secure with the user interface fixing screw.
- ▶ Attach the hose to the outlet connection and to the handset. Make sure the hose washers are installed correctly.
- ▶ Put the handset into the clamp bracket.
- ▶ Make the plumbing connections to the Digital Mixer - refer to your Mira Magna DM Installation and User Guide.

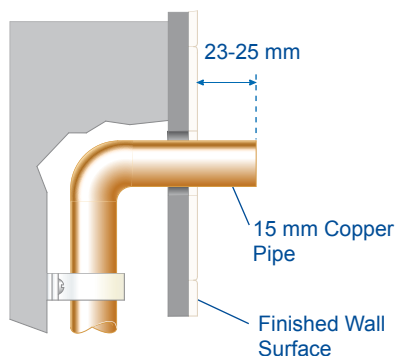


Mira Magna BIR

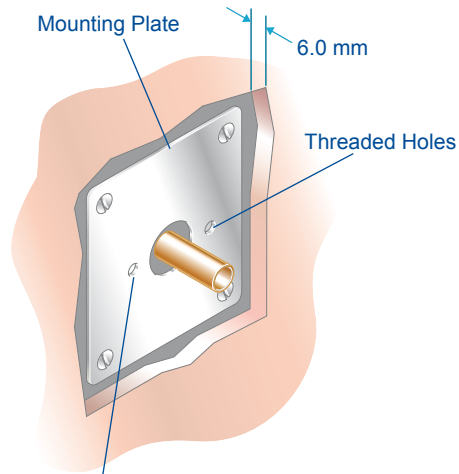
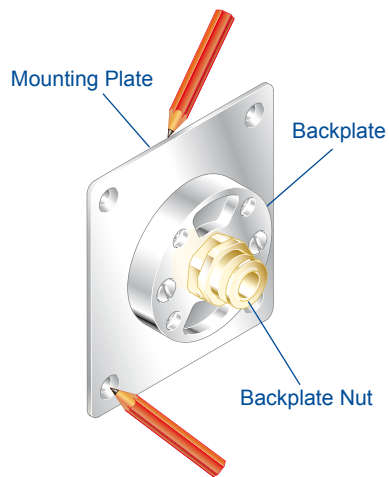
- ▶ **Note!** The BIR fittings can be fitted to a variety of wall surfaces or structures.
- ▶ **Note!** If the data cable is chased into a solid wall or installed in ducting, the data cable must be installed before the finished wall surface is completed.

Solid and Dry-lined Walls

- ▶ Install recessed 15 mm copper pipe from the DM and make sure the pipe will protrude through the finished wall surface by 23 - 25 mm.
- ▶ Loosely screw the backplate to the mounting plate with the two screws provided.
- ▶ Place the mounting plate and backplate over the copper pipe.

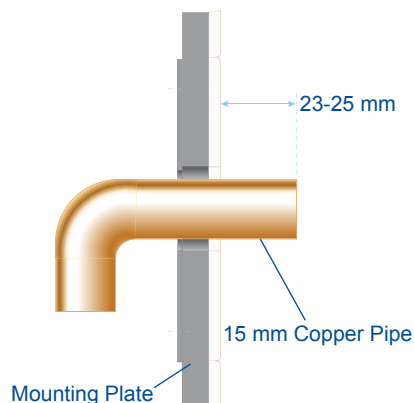


- ▶ Fit and loosely connect the backplate nut sufficiently to hold the assembly against the wall.
- ▶ Mark the position of the mounting plate and its fixing holes on the wall surface.
- ▶ Remove the backplate from the mounting plate.
- ▶ Drill the four mounting plate fixing holes (Ø6 mm). If necessary, make a recess approximately 6 mm deep to accept the mounting plate. Fit the four wall plugs.
- ▶ Fix the mounting plate to the wall with four screws. The two threaded holes must be horizontal.
- ▶ Temporarily fit the two backplate fixing screws into the mounting plate. This will prevent the fixing holes from becoming blocked with plaster or grout.
- ▶ Finish the surface of the wall as required.

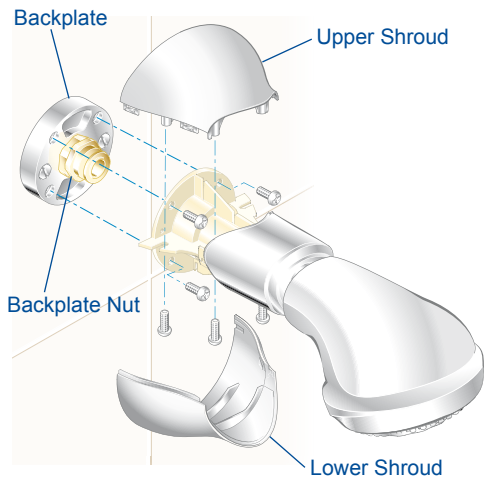


Temporarily fit the two backplate fixing screws to prevent holes becoming blocked with grout

- ▶ The copper pipe must protrude through the wall between 23 and 25 mm. If the pipe protrudes further than 25 mm it will prevent the backplate nut from engaging with the backplate. If necessary, cut the pipe to the correct length and remove any burrs.
- ▶ Fit the backplate to the wall using the two fixing screws.

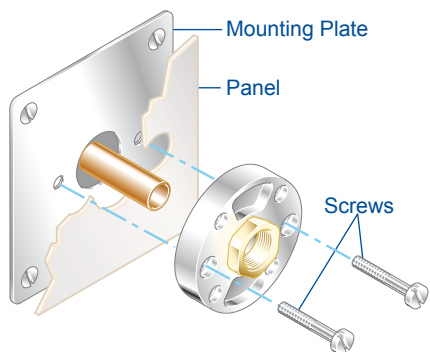
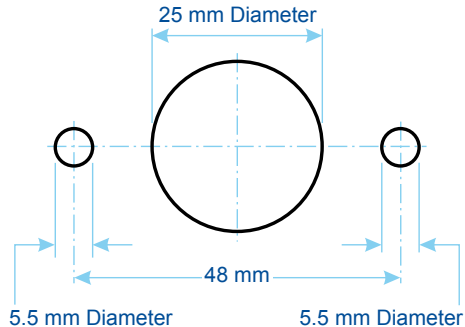


- ▶ Put the compression olive over the copper pipe and tighten the backplate nut into position.
- ▶ **Note!** Make sure the supply pipe is not pushed backwards when the backplate nut is secured.
- ▶ Make sure the 'O' seal is fitted on the backplate nut. Push the BIR assembly over the backplate nut onto the wallplate.
- ▶ Attach the BIR assembly to the wall plate using the four screws.
- ▶ Attach the upper shroud to the BIR assembly using the four self-tapping screws.
- ▶ Snap the lower shroud into position.



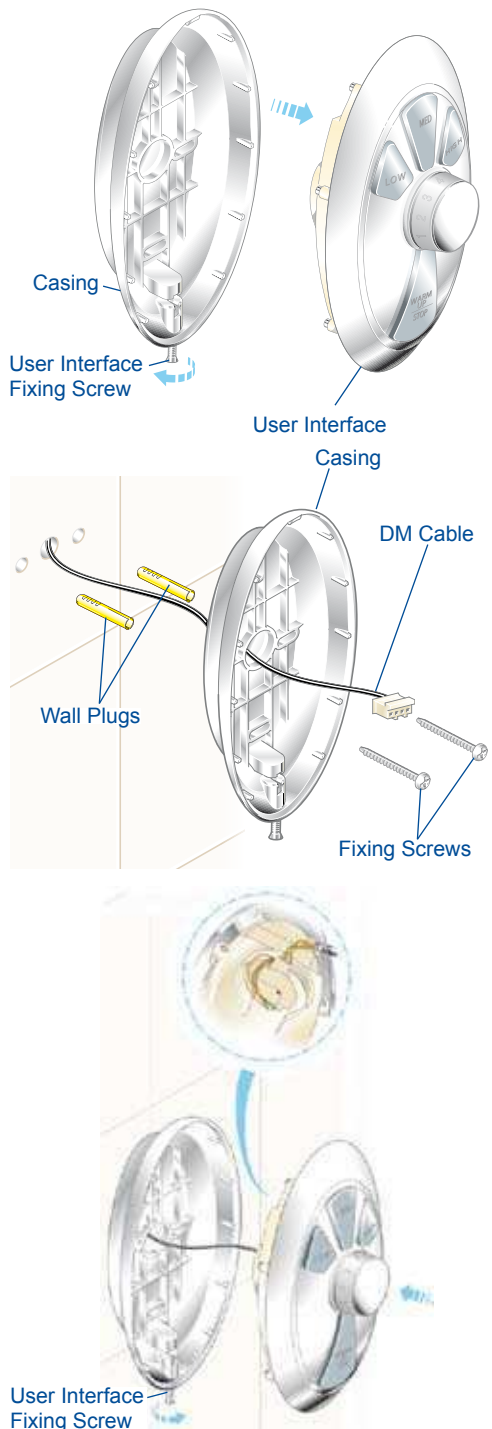
Shower Cubicle, Laminated Panel or Stud Partition Wall

- ▶ Cut a 25 mm hole in the panel and two 5.5 mm holes at 48 mm centres.
- ▶ Put the copper pipe through the mounting plate and panel. The copper pipe must protrude through the wall between 23-25 mm from the finished surface of the wall.
- ▶ Hold the mounting plate in position behind the panel, place the backplate in front of the panel and insert the two backplate screws through the holes in the panel and fit them into the mounting plate and tighten.
- ▶ To complete the installation of the BIR fittings - refer to the section '**Mira Magna BIR: Solid and Dry-lined Walls**'.



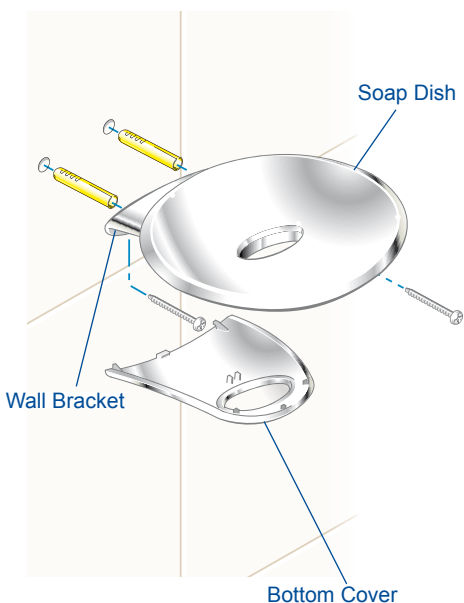
BIR User Interface

- ▶ Loosen the user interface fixing screw and separate the user interface from the casing.
- ▶ Hold the casing in position on the wall and mark the positions of the fixing holes and the position of the cable entry hole, if not already fitted.
- ▶ **Note!** Only 2 fixing holes are required to fix the casing to the wall.
- ▶ Drill the fixing holes (Ø6 mm), the cable entry hole (Ø15 - 20 mm) and fit the wall plugs.
- ▶ **Warning!** Make sure that you avoid hidden cable and pipes when drilling holes in the wall.
- ▶ Put the DM cable through the central hole. Make sure that you do not damage the electrical connector.
- ▶ Attach the casing to the wall with the fixing screws.
- ▶ Attach the DM cable to the socket in the back of the user interface.
- ▶ Attach the user interface and secure with the user interface fixing screw.



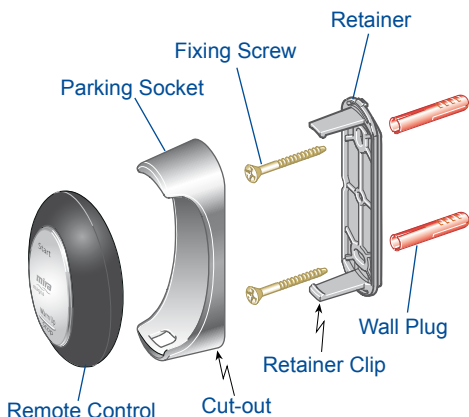
Soap Dish Installation

- ▶ Decide on a suitable position for the soap dish.
- ▶ **Warning!** Make sure that you avoid hidden cables and pipes when drilling holes in the wall.
- ▶ Place the wall bracket on the wall and mark the position of the fixing holes. Drill (Ø6 mm) and plug.
- ▶ Clip the soap dish onto the wall bracket.
- ▶ Attach the wall bracket to the wall with the fixing screws.
- ▶ Clip the bottom cover onto the wall bracket.



Remote Control Installation

- ▶ Decide on a suitable position for the remote control outside the showering area. Refer to the illustration for fixing details.
- ▶ **Note!** The remote control can be sited up to 10 m from the user interface. Wall thickness and construction will affect this distance, so before permanently fixing the parking socket, make sure the water delivery system can be operated by the remote control in the desired fixing location - refer to the section 'Operation, Remote Control'.
- ▶ **Warning!** Make sure that you avoid hidden cables and pipes when drilling holes in the wall.
- ▶ Place the retainer on the wall and mark the position of the fixing holes. Drill (Ø6 mm) and plug.
- ▶ Attach the retainer to the wall with the fixing screws.
- ▶ Slide the parking socket onto the retainer.
- ▶ **Note!** The parking socket must be placed with the cut-out on the bottom. To remove the parking socket, place a small screwdriver into the cut-out, lever the retainer clip up and slide the parking socket off.
- ▶ Clip the remote control into the parking socket.



Commissioning

General

- ▶ Turn on the water supply and check for leaks.

Setting Maximum Temperature

- ▶ **Note!** This can only be set when the Mira Magna UV has not been used for a period of 3 minutes (10 minutes for the Mira Magna UV Remote) or after switching the Mira Magna DM's electrical supply OFF and ON.
- ▶ For user safety, the Mira Magna DM is factory set to give a default maximum temperature of 45 °C when the temperature control knob is at position 9. This pre-set maximum temperature can be changed depending on user preference.
- ▶ The table below shows the other **Maximum Temperature Settings** that can be programmed into your Mira Magna DM.

Example: Setting the maximum temperature to 40 °C (a typical showering temperature). Rotate the temperature control knob to position 5 and follow the section '**Enabling the Set Maximum Temperature**'.

Temperature Control Knob Position	Maximum Temperature Settings (°C)
1	Default 45
2	45
3	36
4	38
5	40
6	42
7	44
8	46
9	48

- ▶ **Enabling the Set Maximum Temperature**
- ▶ Press and momentarily hold the **Warm Up/Stop** and **High** push-buttons at the same time. The **High** push-button will flash and beep three times. Release the push-buttons and re-select within 2 seconds. The **High** push-button will flash and beep three times to confirm the selection is successful.
- ▶ **Note!** Water will be delivered at the new maximum temperature setting (control knob position 9) ranging to cold water (control knob position 1).

Safety Lock Mode

- ▶ There are two Safety Lock Modes:
 - Option 1** **Locks the mixer to your flow and temperature settings.**
 - Option 2** **Locks the interface so no push-buttons can be used.**
- ▶ **Setting Option 1**
- ▶ Operate the shower, set the desired flow and temperature, then press and momentarily hold the **Warm Up/Stop** and **Medium** push-buttons at the same time.
- ▶ The **Medium** push-button will flash and beep three times to confirm the selection is successful.
- ▶ The mixer is locked to your temperature and flow selection.
- ▶ Pressing any flow push-button will turn the mixer ON. Pressing the **Warm Up/Stop** push-button turns the mixer OFF.
- ▶ **Caution!** If the temperature control knob is altered while the Mira Magna DM is in standby mode or while the shower is in operation, the water temperature settings will be changed to the new setting next time the shower is used.
- ▶ **Note!** Selecting the **Warm Up/Stop** and **Medium** push-buttons at the same time, cancels the lock mode option set. The **Medium** push-button will flash and beep three times to confirm the lock mode option is cancelled.

Setting Option 2

- ▶ **Note!** This can only be set when the Mira Magna UV has not been used for a period of 3 minutes (10 minutes for the Mira Magna UV Remote) or after switching the Mira Magna DM's electrical supply OFF and ON.
- ▶ Press and momentarily hold the **Warm Up/Stop** and **Medium** push-buttons at the same time.
- ▶ The interface will beep three times to confirm the selection is successful. The interface is locked.
- ▶ **Note!** Selecting the **Warm Up/Stop** and **Medium** push-buttons at the same time, cancels the lock mode option set. The **Medium** push-button will flash and beep three times to confirm the lock mode option is cancelled. Switching the mixer OFF and ON will also cancel the lock mode option.

Timeout

Allows you to set the flow duration for the shower before it automatically shuts off.

- **Note!** This can only be set when the Mira Magna UV has not been used for a period of 3 minutes (10 minutes for the Mira Magna UV Remote) or after switching the Mira Magna DM's electrical supply OFF and ON.

Timeout Selection

- **Note!** The Mira Magna DM timeout function is factory set to run for 30 minutes (default setting). This timeout period can be changed depending on user preference.
- Set the temperature control knob to the desired position - refer to the table below for the settings that can be programmed into your Mira Magna DM.

Temperature Control Knob Position	Timeout (Minutes)	
	Mira Magna UV	Mira Magna UV Remote
1	50	30
2	50	30
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

Enabling Timeout

- Press and momentarily hold the **Warm Up/Stop** and **Low** push-buttons at the same time.
The **Low** push-button will flash and beep three times to confirm the selection is successful.
- **Note!** If the Mira Magna DM's electrical supply is switched OFF, the Mira Magna DM will revert to the default setting.

Operation

Warm Up Function

- ▶ Press the **Warm Up/Stop** push-button.
- ▶ To allow the user to get out of the shower the unit delays for a few seconds before turning on.
- ▶ The **Warm Up/Stop** push-button flashes for a number of seconds until water comes out of the handset at the selected temperature, then turns off (Standby mode - maximum of 2 minute delay feature (10 minutes for the remote control option) before switching off).
- ▶ **Note!** The Mira Magna DM is supplied with the default of **High Flow** for the Warm Up Function.
- ▶ Refer to the section '**Operate the Shower**'.
- ▶ **Note!** A long delay before entering the shower may result in initial temperature fluctuations (the unit has switched OFF).
- ▶ **Note!** Due to the operational nature of instantaneous water heaters/combination boiler systems, use of the warm up feature may cause fluctuating temperatures to be delivered and may take a few seconds to stabilise.



To Change the Warm Up Function for Wireless Remote Control Option Only

- ▶ **Note!** This can **only** be set when the DM has not been used for a period of 10 minutes or after switching the DM's electrical supply OFF and ON.
- ▶ **Note!** Due to the operational nature of instantaneous water heaters/combination boiler systems, use of the warm up function may cause fluctuating temperatures to be delivered when re-started and may take a few seconds to stabilise. We recommend that continuous Medium or High Flow modes are used.
- ▶ Press and momentarily hold the **Low** and **High** push-buttons at the same time, the unit will beep 3 times and will indicate which warm up mode is set by the flashing of the **Low**, **Medium** or **High** push-button, refer to the following table.

- ▶ Pressing the **Low** and **High** push-buttons twice within 2 seconds selects the next warm up mode. Repeat the procedure until you have selected your required warm up mode. Refer to the following table:

Low push-button flashing	The unit warms up and switches to standby mode (no flow)
Medium push-button flashing	The unit warms up and switches to medium flow
High push-button flashing	The unit warms up and switches to high flow

Operate the Shower

- ▶ **Note!** The shower can be operated without using the Warm Up function.
- ▶ Press the **Low**, **Medium** or **High** push-button.
- ▶ Water will come out of the handset at the selected temperature.
- ▶ To alter the showering temperature, turn the temperature control knob.
- ▶ While the showering temperature adjusts, the selected flow push-button will flash.
- ▶ Press the **Warm Up/Stop** push-button at the end of your shower.

Remote Control

Operate the Remote Control

- ▶ Press and momentarily hold the **Start** push-button.
Water will be delivered on **High** flow.
- ▶ Press and momentarily hold the **Warm Up/Stop** push-button at the end of your shower either on the remote or on the interface.



Remote Control

Using the Warm Up Function

- ▶ Pressing the **Warm Up/Stop** push-button starts this function - refer to the section '**Warm Up Function**' for more details.
- ▶ **Note!** There is no time delay function when using the remote control.
- ▶ **Caution!** When using the remote control in its socket, press the buttons carefully to avoid accidentally dislodging it from its socket.

Timeout Function

- ▶ The Mira Magna DM is supplied with a timeout default set. The shower will operate and automatically shut off after a set period - refer to the section '**Timeout**' for more details.

Enable the Mira Magna DM

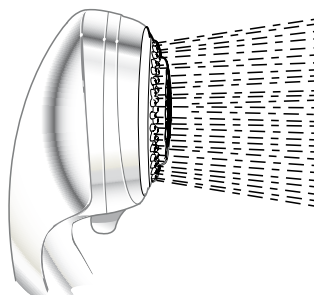
- ▶ **Note!** This procedure is required should the remote control or the user interface is replaced.
- ▶ Switch the Mira Magna DM's electrical supply OFF and ON.
- ▶ Press and hold the **Low** and **Medium** push-buttons at the same time until the interface stops beeping.
- ▶ The **Low** and **High** push-buttons will flash alternately after a short delay.
- ▶ Hold the remote control within 200 mm of the interface. Press and momentarily hold either the **Start** or the **Warm Up/Stop** push-button.
- ▶ **Note!** The **Medium** push-button will be illuminated if the remote has been successfully enabled.
- ▶ Switch the Mira Magna DM's electrical supply OFF and ON.
- ▶ The Mira Magna DM has been enabled and the remote control is ready to be used.

Adjustable Handset

The handset has four different spray modes, **Start**, **Eco**, **Champagne** and **Massage**.

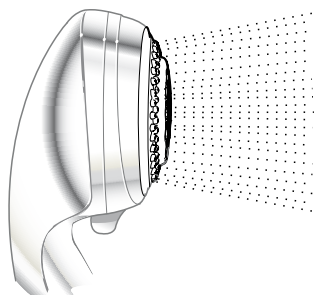
▶ **Start**

Water flows from the outer set of holes. To select the Start mode, turn the spray plate anticlockwise from the full clockwise position until it clicks once.



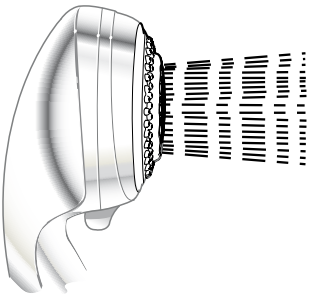
▶ **Eco**

Water flows from the outer set of holes at a reduced flow rate. To select the Eco mode, turn the spray plate fully clockwise.



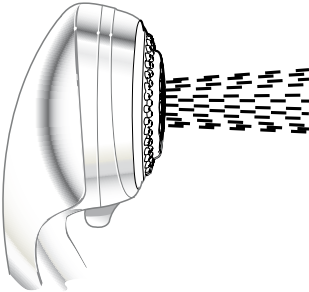
► **Champagne**

Water flows from the middle set of holes. To select the Champagne mode, turn the spray plate anticlockwise from the full clockwise position until it clicks twice.



► **Massage**

Water flows from the inner set of holes. To select the Massage mode, turn the spray plate anticlockwise from the full clockwise position until it clicks three times.



Fault Diagnosis

The trouble shooting information below gives details on what you can do as a user should you encounter difficulties whilst operating the shower.







If there is a problem with the interface some of the push-buttons may flash very fast, refer to the section '**Self Diagnostic Information**'.

Malfunction	Cause	Remedy
Push-buttons are flashing on the interface and / or the shower will not operate.	Water supply isolated. Damaged or broken cable connection. Electrical supply isolated or fuse blown. DM Valve breakdown.	Check water supply. Check cable connections. Check electrical supply. Isolate the electrical supply and turn back on after 30 seconds. If the problem persists, note the sequence of the flashing push-buttons and with the information from Self Diagnostic Information , contact Customer Services.

Continued

Malfunction	Cause	Remedy
No flow or low flow rate from the Shower Fittings.	Spray plate assembly blocked. Hose blocked or twisted. DM Valve malfunction.	Refer to Cleaning . Clear blockage or release twist in hose. Contact Customer Services.
Drip from spray plate assembly on handset or BIR assembly.	A small amount of water may be retained in the shower fitting after the interface has been turned off. This may drain over a few minutes. DM Valve malfunction.	This is quite normal. Changing the angle of the shower fitting may vary the draining time. Solenoid fault. May require cleaning or replacement. If the problem still occurs, Contact Customer Services.
Incorrect shower temperature.	Maximum temperature incorrectly set. DM Valve incorrectly fitted.	Refer to Commissioning: Maximum Temperature Setting . Make sure that the hot and cold water supplies are connected correctly. If the problem still occurs, Contact Customer Services.
Remote Control Option		
The remote control does not operate the shower.	The remote control is out of range. Incomplete signal received from remote control.	Operate the remote control in different areas to check range. Turn the DM electrical supply OFF and ON to re-set the DM. If the problem still occurs, Contact Customer Services.
The interface does not operate correctly.	Incomplete signal received from remote control.	Switch the shower OFF/ON with the remote control. Turn the DM electrical supply OFF and ON to re-set the DM. If the problem still occurs, Contact Customer Services.

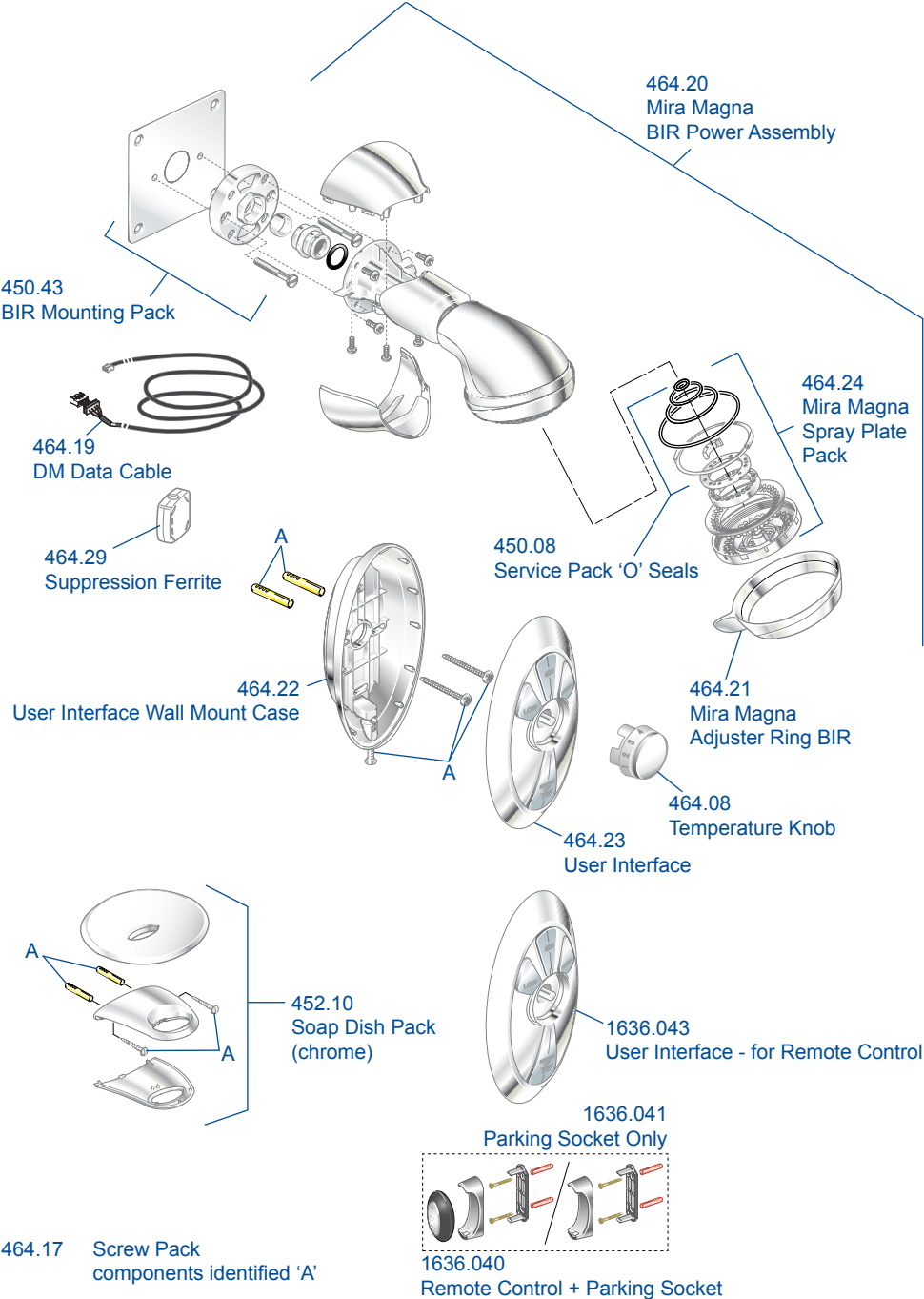
Self Diagnostic Information

DM PCB Error	Remedy	DM PCB Error	Remedy
	<ol style="list-style-type: none"> 1. Turn the DM electrical supply OFF and ON to reset the DM. 2. Replace DM PCB. 3. If the problem still occurs, Contact Customer Services. 		<ol style="list-style-type: none"> 1. Turn the DM electrical supply OFF and ON to reset the DM. 2. Replace DM PCB. 3. If the problem still occurs, Contact Customer Services.
Over Temp at Control Sensor	Remedy	Over Temp at Outlet Sensor	Remedy
	<ol style="list-style-type: none"> 1. Turn the DM electrical supply OFF and ON to reset the DM. 2. Make sure Hot and Cold inlets are not reversed. 3. Make sure that the inlet filters and non-return valves are clean. 4. If the problem still occurs, Contact Customer Services. 		<ol style="list-style-type: none"> 1. Turn the DM electrical supply OFF and ON to reset the DM. 2. Make sure Hot and Cold inlets are not reversed. 3. Make sure that the inlet filters are clean. 4. If the problem still occurs, Contact Customer Services.
PCB/Control Sensor Error	Remedy	Outlet Sensor Error	Remedy
	<ol style="list-style-type: none"> 1. Turn the DM electrical supply OFF and ON to reset the DM. 2. Replace DM PCB or the Thermistor pack. 3. If the problem still occurs, Contact Customer Services. 		<ol style="list-style-type: none"> 1. Turn the DM electrical supply OFF and ON to reset the DM. 2. Replace Thermistor Pack. 3. If the problem still occurs, Contact Customer Services.

Mira Magna UV

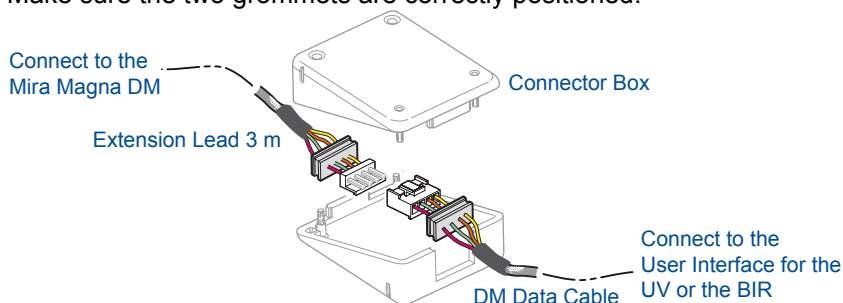


Mira Magna BIR

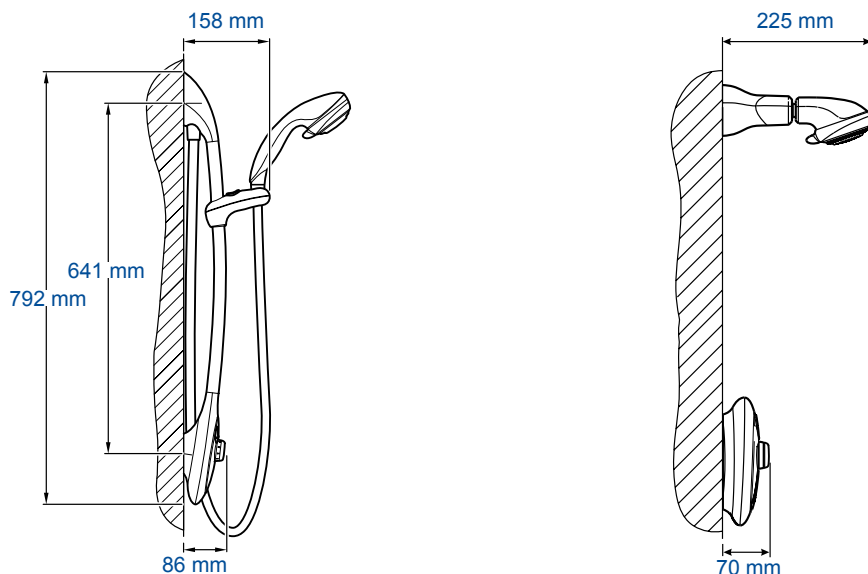


Accessories

- ▶ **1618.106 Extension Lead and Connector Box:** Additional 3 metre extension lead to be connected to the Mira Magna DM.
- ▶ Connect the two cables, slide the grommets into the slots of the connector box and carefully push the top half of the connector box onto the bottom half. Make sure the two grommets are correctly positioned.



Dimensions for the UV and the BIR



Cleaning

- ▶ Many household cleaners contain abrasive and chemical substances, and should not be used for cleaning plated or plastic fittings. These finishes should be cleaned with a mild washing up detergent or soap solution, and then wiped dry using a soft cloth.
- ▶ To avoid limescale, use your thumb or a soft cloth to wipe any limescale from the soft rubber nozzles and the front face of the showerhead.

Customer Services

Guarantee of Quality

Mira Showers guarantee your product against any defect in materials or workmanship for the period shown in the Guarantee Registration Document included with your shower.

Alternatively, to confirm the applicable guarantee period please contact Customer Services.

To validate the guarantee, please return your completed registration card.

Within the guarantee period we will resolve defects, free of charge, by repairing or replacing parts or modules as we may choose.

To be free of charge, service work must only be undertaken by Mira Showers or our Approved Agents in Northern Ireland and the Republic of Ireland.

Service under this guarantee does not affect the expiry date. The guarantee on any exchanged parts or product, ends when the normal product guarantee period expires.

Not covered by this guarantee

Damage or defects arising from incorrect installation, improper use or lack of maintenance, including build-up of limescale.

Damage or defects if the product is taken apart, repaired or modified by any person not authorised by Mira Showers or our Approved Agents.

This guarantee is in addition to your statutory and other legal rights.

Before using your shower

Please take the time to read and understand the operating and safety instructions detailed in this manual.

What to do if something goes wrong

If when you first use your shower and it doesn't function correctly, first contact your installer to check that the installation and commissioning are satisfactory and in accordance with the instructions in this manual.

Should this not resolve the difficulty, simply contact our Customer Services who will give every assistance, and if necessary arrange for our Service Engineer to visit.

If later the performance of your shower declines, consult this manual to see whether simple home maintenance is required. Please call our Customer Services to talk the difficulty through, request service under guarantee if applicable, or take advantage of our comprehensive After-Sales Service.

As part of our quality and training programme calls may be recorded or monitored.

Our Customer Services Team is comprehensively trained to provide every assistance you may need: help and advice, spare parts or a service visit.

Spare Parts

We maintain an extensive stock of spares, and aim to have functional parts available for ten years from the date of final manufacture of the product.

Spares can be purchased from approved stockists or merchants (locations on request) or direct from Customer Services.

Spares direct will normally be despatched within two working days. Payment can be made by Visa or Mastercard at the time of ordering. Should payment by cheque be preferred a pro-forma invoice will be sent.

Note! In the interests of safety, spares requiring exposure to mains voltages can only be sent to competent persons.

Service

Our Service Force is available to provide a quality service at a reasonable cost. You will have the assurance of a Mira trained Engineer/Agent, genuine Mira spares and a 12 month guarantee on the repair.

Payment should be made directly to the Service Engineer/Agent, using Visa, MasterCard or a cheque supported by a banker's card.

To contact us

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